

Receiver inset

Receiver (illuminated)

7 Recall key

8 Microphone

on r

g d

ing

ing

---

## General

---

### Features

#### Features of the DECT\* mobile unit

- **Illuminated graphical display** with battery charge display
- **Status-dependent function menus**
- **Number redial** for the last five numbers dialled
- **Telephone directory** in the mobile unit for approx. 100 entries
- **Enhanced user guidance** with displays in German, English, French, Spanish, Italian, Portuguese or Dutch
- **Language setting**, see page 54
- **En-bloc dialling** with correction option
- **Automatic talk feature\*\*** on removal of handset from charging shell
- **Protection** against inadvertent key activation
- Enhanced convenience through **short cuts**
- **NiMH battery for long operating times without recharging:**
  - Battery lasts for up to **9 hours** when phone is in use.
  - Battery lasts for up to **90 hours** in stand-by mode.
- Each mobile unit can log onto and be used by up to **6 DECT systems**.

#### Features of the Hicom cordless EM

- **Internal and external calls** in the entire Hicom cordless EM radio network
- **Roaming** (the user can roam throughout the entire radio network and still receive all internal and external calls at **one call number**)
- **Automatic call transfer** from base station to base station when moving in the radio network (handover)
- **Automatic callback** for internal calls
- **Call transfer** to internal users
- **Consultation** during a call
- **Use of all important Hicom functions** that do not require a system-specific telephone

---

\* DECT = Digital Enhanced Cordless Telecommunications

\*\* Activated by default.

General	
<b>Contents</b>	
<b>General</b>	<b>2</b>
Controls, unit parts	3
Features	4
Hicom cordless EM	7
Environmental conditions	7
General operating instructions	7
Radio range	8
Leaving the radio network	9
Fitting the attachment clip	9
Cleaning the mobile unit	9
Lending/disposing	9
Explanation of the display	10
Display keys	11
User guidance, selecting functions	12
<b>Putting the mobile unit into service</b>	<b>14</b>
inserting batteries into the mobile unit	14
Charging and using the batteries	15
Logging mobile units onto a telephone system	16
Activating/deactivating mobile units	18
Activating/deactivating the keypad lock	18
<b>Telephone functions</b>	<b>19</b>
Internal dialling	19
External dialling	20
Answering calls	20
En-bloc dialling for internal/external dialling	21
Number redial – last five numbers	22
<b>Switching functions</b>	<b>24</b>
Automatic callback	24
Forwarding calls	24
Consultation during a call	25
Shuttle – switching between two users	25
Conference	26
Overview - code functions	27

General	
<b>Telephone directory</b>	<b>31</b>
Entering letters/characters and digits	31
Overview – directory submenu	33
Storing numbers	33
Dialling a number from the telephone directory	35
Editing/deleting/displaying an entry	36
Deleting the telephone directory	37
Available memory	37
<b>Main menu – functions</b>	<b>38</b>
Overview – main menu	38
Activating/deactivating the handset lock	38
Short cuts	40
Selecting the base	42
<b>Settings</b>	<b>44</b>
Overview – settings	44
Settings – handset, ringer, etc.	45
Base settings	46
Overview – handset settings	48
Overview – beeps	49
Beeps – keys, battery, range...	50
Select services	51
Changing the mobile unit PIN	53
Setting the language	54
Resetting the mobile unit to the default state	55
<b>Appendix</b>	<b>57</b>
Troubleshooting	57
Approval	58
Technical data	58
Acoustic signals	59
Accessories	60
<b>Index</b>	<b>61</b>

## General

### Hicom cordless EM

The Hicom® cordless EM DECT telephone system comprises

- the **radio exchange** for the Hicom 150 E system,
- up to 16 **base stations** (transmitter/receiver),
- up to 64 **2000C pocket or 2000C mobile units** (cordless telephones),
- and the **Gigaset 2000L pocket or 2000L charging shells**.

### Environmental conditions

- Please read the **safety precautions on page 2!**
- The mobile unit and charging shell should not be placed near electronic devices, such as other telephones, hi-fi, office or microwave devices, as this may adversely affect the operation of your telephone and/or the electronic equipment.
- Do not expose the mobile unit or charging shell to direct sunlight or other sources of heat.
- Use the mobile unit at temperatures between +5 ° C and +45 ° C.
- Do not expose the mobile unit or charging shell to damp environments.
- Avoid using the mobile unit and charging shell in rooms where there is a lot of dust.

### General operating instructions

- The devices offer a **high level of privacy**. No protection can be guaranteed against illegal bugging using other radio receivers.
- When operating the mobile unit, a basic distinction is made between
  - **telephone/switching functions**, e.g. when a call is in progress, and
  - **local functions**, display when mobile unit is on.

## General

- Local functions can also be performed in the charging shell.
- Before saving, **local functions** can be **cancelled** with the menu key (≡) or the **on-hook key** (☎).
- Your telephone directory entries, all settings and your PIN are **not lost**, even if you **remove the batteries**.
- **Call charges are displayed** on the mobile unit in the same way as call charges are displayed on optiset E telephones.
- A Gigaset base station is operated in accordance with the Gigaset operating instructions.

### Radio range

- Depending on the environment, the range **in the open** is up to 300 m.
- **In buildings**, the range extends up to 50 m (depending on the room and building layout and construction).
- If you leave the **radio range of one of the base stations in the system** during a call, the range warning tone\* is signalled and the range warning symbol **I>>>>** is displayed. The quality of the voice connection drops, especially if you move. For a better voice connection, move back into the base station range!
- The radio connection is lost if you **exceed the range**. This is identified by the flashing of **Base 1**, for example.
- Please consult your system administrator in the case of **ongoing range problems!**

\* Deactivated by default; for information on activating/deactivating, see page 50

## General

### Leaving the radio network

- **Integrated power saving function:** If you leave the base station radio range when the **mobile unit is switched on**, the interval between synchronisation attempts gradually increases – this increases the battery life in stand-by mode.  
To ensure that the mobile unit can be used as soon as you return to the radio network, you should immediately register it again:  
Press the On/Off key **until the display is blank**, press the On/Off key again **until the mobile unit is on**.
- If you intend to leave the radio network and take your mobile unit with you, we recommend that you turn the mobile unit off in order to save the batteries.

### Fitting the attachment clip

You can fit the supplied attachment clip to your mobile unit if you wish to use it.  
Attach it to the **rear** of the mobile unit. Slot the protrusions on the attachment clip into the **holes** on the **sides** of the mobile unit (at display level).

### Cleaning the mobile unit

To clean the mobile unit and the charging shell, simply wipe them with a damp or antistatic cloth. Never use a dry cloth (since this can generate electrostatic charges and discharges) and **never** use **abrasive cleaning agents**.

### Lending/disposing

- If you lend your mobile unit to someone else, please make sure that you include the operating instructions with it.
- Please dispose of defective batteries, mobile units and charging shells in accordance with legal requirements.

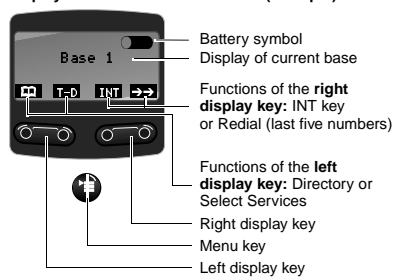
---

### Explanation of the display

The mobile unit features a 4-line display with 16 characters per line. Depending on the situation, the display shows:

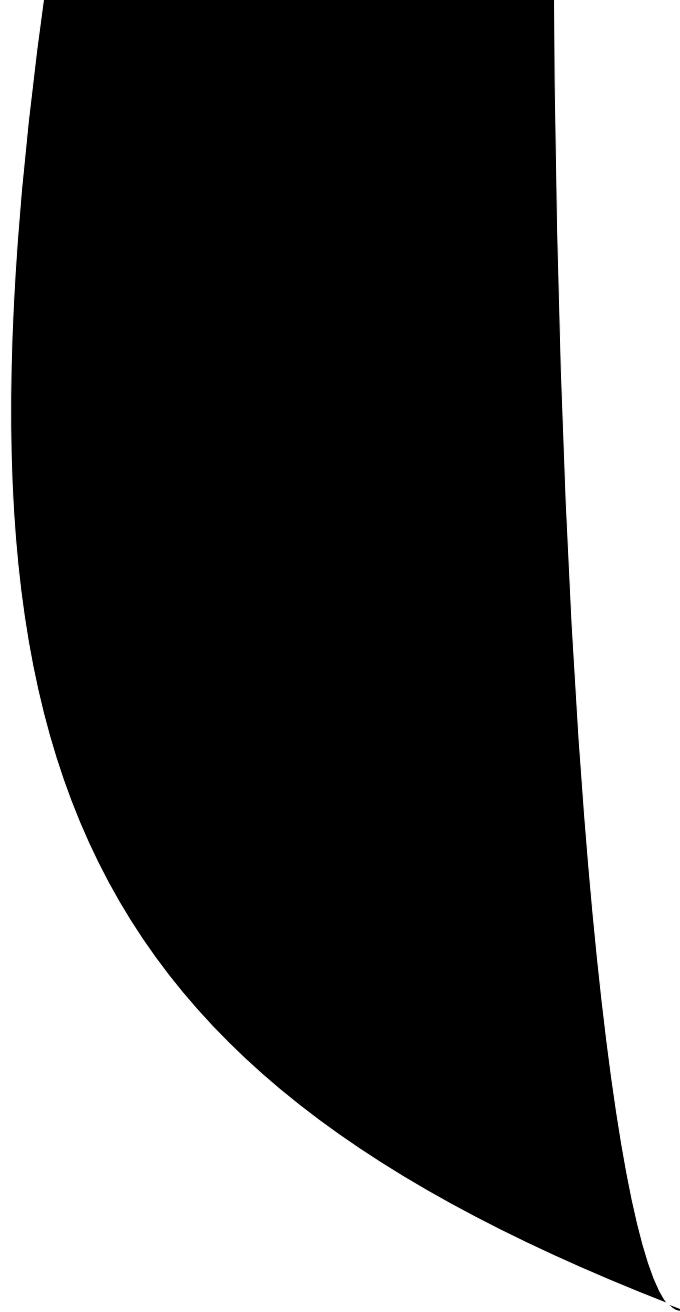
- **digits**, e.g. dialled numbers,
- **text**, e.g. the current base (system),
- **symbols**, e.g. ringing or battery symbol,
- and in the last line the **current functions** of the two display keys

#### Display when the mobile unit is on (example)



#### Display when a call is in progress (example)





## Putting the mobile unit into service

### Logging mobile units onto a telephone system

For information on setting the language, see page 54. Your system administrator supplies you with mobile units that have already been logged on when you are installing the system for the first time. You must log on any new mobile units as described below if you extend the system.

- Please call Siemens Service if you purchased the mobile unit **directly** from Siemens. Please call your **retailer** if you did not purchase your mobile unit directly from Siemens. Please ask Siemens Service or your retailer to provide you with the call number and the system code (eight-digit) of every mobile unit and to open the "logon window" (e.g. 10 minutes).

#### ● Logging a mobile unit onto Hicom 150 E:

①

Switch the mobile unit on with the On/Off key - **Resister?** appears in the display with the first logon procedure. **Base 1\***, for example, flashes with the second logon procedure.

②

Press the menu key – the main menu is displayed.

▲

Settings

OK

Scroll with the left display key until **Settings** is selected (in the top display line) and confirm the selection with the right display key.

▼

Resister

OK

Scroll with the left display key until **Resister** is selected and confirm.

Base 1

OK

▼

Confirm **Base 1\***, for example, to log on as system 1. If necessary, select another base/system with the display key.

Enter base code:

**Enter base code:** is displayed.

\* See note "Base/system" on page 17

## Putting the mobile unit into service

e.g.

① ② ③ ...

\*\*\*\*\*

OK

Base 1

<< >>

Base 1

Enter the mobile unit system code (eight-digit) and confirm the entry with the display key – \* symbols are displayed instead of digits.

If necessary, press the display keys < > and ← to correct an entry.

**Base 1\***, for example, is displayed.

The mobile unit is successfully logged on (registered) if the ring symbol flashes (this can take up to 30 seconds).

The mobile unit ready to receive or transmit calls if this display is retained.

#### Note:

- **Base/system:** cordless EM mobile units are not logged onto bases (base stations), but rather onto the Hicom 150 E telephone system. In this case, **Base** always means **DECT\*\* system**.
- **No ring symbol** is displayed if the logon procedure was unsuccessful.

\* See note "Base/system"

\*\* DECT = Digital Enhanced Cordless Telecommunications

## Putting the mobile unit into service

### Activating/deactivating mobile units

- **Off status:** display clear – calls are not received!
- **On status:** e.g. **Base 1** is displayed – prerequisite for all telephone functions, **normal operating status!**

#### Activating the mobile unit:

①

Press the On/Off key – you hear the confirmation beep. Display when telephone is in the "on" status, see page 10.

#### Deactivating the mobile unit:

①

Press the On/Off key until the display is clear – you hear the confirmation beep.

### Activating/deactivating the keypad lock

This allows you to protect your mobile unit **against inadvertent key activation**, e.g. when carrying it in your bag. **Calls are signalled** even if the keypad is locked and can be answered in the same way as when the telephone is on.

**Prerequisite:** Mobile unit is activated!

#### Activating the keypad lock:

①

Press the On/Off key for **less than 1 second**.

Keypad locked

Display when keypad is locked.

#### Deactivating the keypad lock:

①

Press the On-Off key **briefly**. Display when telephone is "on", see page 10.

#### Note:





The mobile unit switches off completely if you press the On/Off key for too long.

## Telephone functions



This **display when the mobile is on** is a prerequisite and initial status for all telephone functions (see also "Radio range" on page 8). **Base 2**, 3, 4, 5, 6 or an other name may be displayed (see page 46) depending on the current base (system).

### Note:

- You can use the menu key  or the display key  to call up the short cut list and start your short cuts when setting up a connection or when a call is in progress.
- All functions **concluded with the on-hook key**  can also be concluded by **inserting the mobile unit into the charging shell**.
- All functions can be **cancelled with the on-hook key** .

## Internal dialling



Press the talk key - *the user's own mobile phone number appears in the display.*



Enter the internal number when the you hear the dial tone – *the entered digits are displayed.*  
See also **Note**.

### Call

Conduct the call – *the name or the number of the user is displayed.*

### Ending a call



Press the on-hook key **or** place the mobile unit in the charging shell.

### Note:

The dialled number is automatically stored for number redial, see page 22.

## Telephone functions

### External dialling



Press the talk key - *the user's own mobile unit number appears in the display.*

### External code

e.g. 

Enter the external code, e.g. "0", when you hear the dial tone.



Dial the external number - *the entered digits are displayed.*  
See also **Note**.

### Call

Conduct the call.

### Ending a call



Press the on-hook key **or** place the mobile unit in the charging shell.

### Note:

The dialled number is automatically stored for number redial.

## Answering calls

The mobile unit's **ringing tone is audible**. The caller's name is displayed if the caller is an internal user. The number or the name is displayed if the caller is an external user (as for optiset telephones).

- The mobile unit **is in the charging shell**:



**Simply** remove the mobile unit from the charging shell\*.

**or**

- The mobile unit **is not in the charging shell**:



Press the talk key.

### Ending a call



Press the on-hook key **or** place the mobile unit in the charging shell.

\* Only if Auto Talk is activated – see also page 48.




## Telephone functions

### En-bloc dialling for internal/external dialling

En-bloc dialling means that you enter the number first (up to 32 digits), if necessary correct it and then press the talk key to dial.



Enter the internal number **or** "external code", e.g. "0" and the external number.

If necessary, use the  and  and  display keys to correct the entries.



Press the talk key (within 30 seconds) – *the entered number is dialled.*

### Ending a call



Press the on-hook key **or** place the mobile unit in the charging shell.

### Note:

Refer also to the notes under "Internal/External dialling", see page 19 and 20.



## Telephone functions

### Number redial – last five numbers

You have dialled a **number**, but the other party is busy or does not answer: press the **on-hook key**. The last **five numbers** dialled (up to 32 digits) are always **stored automatically**.

#### Dialling a stored number



Press the display key - *the first three stored numbers are displayed.*



If necessary, press the display keys to scroll to the required number.



Press the talk key – *the selected number is dialled.*

#### Copying a number to the telephone directory



Press the display key.



Scroll to the desired number.



Press the display key.



Scroll until **Copy Number** is displayed and confirm.



#### Names

Enter names (max. 16 characters). (see page 31)



Press the display key.



Confirm **Save Entry**.



Entry stored

**Entry stored** is displayed for approx. two seconds.

## Telephone functions

### Editing a number



Press the display key.  
Scroll to the desired number.



Press the display key.  
Scroll to **Edit Number** and confirm.



Edit number.



Press the display key.  
Confirm **Save Entry** – *Entry modified is displayed for approx. two seconds.*

### Deleting a number



Press the display key.  
Scroll to the desired number.



Press the display key.  
Scroll to **Delete Number** and confirm – *Entry has been deleted is displayed for approx. two seconds.*

### Displaying a number

**All the digits** of a number (to a max. of 32) are displayed.



Press the display key.  
Scroll to the desired number.



Press the display key.  
Scroll to **Display Number** and confirm.

Press the display key **GO BACK** to return to the redial function.

## Switching functions

**Prerequisite:** The required function is set up.

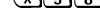
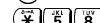
### Automatic callback

If a dialled **internal user** is busy or if your call is not answered, you can program an automatic callback request.

#### Storing a callback request:

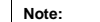
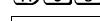


Press the recall key.



Enter the code.

#### Deleting stored callback requests:



Enter the code.

#### Note:

- The **system calls you back** when the user
  - becomes free or
  - makes another call.
- **Up to two callback requests can be stored.** No further callback requests can be stored if two callback requests have already been stored for the called party.

### Forwarding calls

You answered an external call and would like to forward it to another user:



Press the recall key and **immediately** dial the number of the user.



Wait until the user answers the call or press the on-hook key immediately

#### Return forwarded call:



Press the recall key.


#### Note:

If the forwarded call was not answered, the system performs an automatic "recall".


## Switching functions

### Consultation during a call

You are conducting an internal or external call and would like to obtain some information from an internal or external user:



 Press the recall key and **immediately** dial the number of the subscriber and conduct the consultation call.

#### Ending a consultation:

 Press the recall key.

### Shuttle – switching between two users

You can shuttle between the two users during a consultation call:

 Enter the code.  
You can shuttle between the users as often as you like by entering the code  again.


#### Note:

- The shuttle function cannot be performed with a **voice mail system info box**.
- Pressing the on-hook key cancels the shuttle function. The system performs an automatic recall if a user is still waiting on the line.


## Switching functions

This function allows you to set up a telephone conference **with up to five users**.


You are conducting a call and wish to set up a telephone conference with a further user:

 Press the recall key and **immediately** dial the number of the subscriber.

 Press the recall key.

 Enter the code for "conference" – *the current number of users is displayed, e.g. "3"; all three users are now connected.*

#### You can now

- **add other users:** repeat the procedure.
- **end the conference:** press .

## Switching functions

Functions <sup>1)</sup>	Standard code	System-specific code <sup>2)</sup>
<b>Associated dialling</b> <span>S-S</span> Set up connections for other telephones.	*67+ partner+ ph. no.	
<b>Override</b> (Short cut) <span>S-S</span> Override and speak in a busy connection.	(R)*62	
<b>Baby alarm, Room monitoring</b> (system) <span>S-S</span> For the acoustic monitoring of a specific room.	*88	
<b>Reset services for own base</b> <span>S-S</span> Reset activated functions.	#0	
<b>Voice calling</b> <span>S-S</span> Communication with telephone partner via partner's loudspeaker in the telephone.	*80+ph.no.	
<b>Call trace</b> <span>S-S</span> Identify an external caller via the network provider. The feature must be requested separately from Telecom.	*84	
<b>Message text send</b> <span>S-S</span>  <b>delete</b> (sent/received message texts) <b>delete</b> (sent message texts) <b>delete</b> (received message texts) <b>call sender</b> Send predefined texts (only to optiset E with display).	*68+ph. no. +text no. #680 #681 #682 #683	
<b>Conference</b> (up to 5 users) (Short cut) <span>S-S</span> <b>start</b> <b>end</b> Add further telephone partner to conversation.	(R)*3 #3	
<b>Speed dialling</b> <span>S-S</span> Dial centrally stored speed dialling destinations.	*7+speed dial. no.	
<b>Release line</b> <span>S-S</span> Release busy external lines (active calls on this line are disconnected).	*43	
<b>Shuttle</b> (Short cut) <span>S-S</span> Switch between two connections.	*2	

28

## Switching functions

Functions <sup>1)</sup>	Standard code	System-specific code <sup>2)</sup>
<b>DTMF dialling</b> (tone dialling)(Short cut) <span>S-S</span> Transmit DTMF signals.	*53	
<b>Night service</b> <span>S-S</span> <b>on</b> <b>off</b> Diversion of all calls to a fixed destination.	*44+* or ph. no. #44	
<b>Park</b> (Short cut) <span>S-S</span> <b>Unpark</b> Hold call and resume at different telephones.	*56+park pos. #56+park pos.	
<b>Page Answer</b> <span>S-S</span> Locating person using assigned pocket receivers.	*45+ph.no. #45+ph.no.	
<b>Project code</b> <span>S-S</span> Assign toll connections to certain projects.	*60+ PCODE[+ #]	
<b>Callback store delete</b> (Short cut) <span>S-S</span> Storing an automatic callback request, see also page 24.	(R)*58 #58	
<b>Suppress phone number</b> <span>S-S</span> <b>on</b> <b>off</b> Your number/name is not displayed on called party's phone.	*86 #86	
<b>Assign phone number</b> <span>S-S</span> Assign other numbers to your own phone. These numbers then appear in the display of the called party's telephone.	*41+ ph. no.	
<b>Answer group</b> <span>S-S</span> <b>on</b> <b>off</b> Signal calls from other telephones and answer calls on these telephones.	*81+ph. no. #81	
<b>Hunt group/group call</b> <span>S-S</span> <b>activate</b> <b>deactivate</b> Hunt group calls/group call are no longer signalled to the user who has left the hunt group. Hunt group (the telephones ring in succession). Group call (the telephones ring simultaneously).	*85 #85	

29

## Switching functions

Functions <sup>1)</sup>	Standard code	System-specific code <sup>2)</sup>
<b>Switch</b> <span>S-S</span> <b>actuation, on</b> <b>off</b> To switch on/off certain devices (e.g. relay).	*90 #90	
<b>Recall to network</b> (flash) <span>S-S</span> To allows features to be used in analogue lines, a signal must be transmitted through the line before the number is dialled.	*51	
<b>Phone lock</b> (system) <span>S-S</span> <b>unlock</b> <b>Define lock code</b> Protect the telephone against unauthorized use.	*66 #66 *93	
<b>Telephone data service</b> <span>S-S</span> Control with the telephone computer.	*42	
<b>Date</b> <span>S-S</span> <b>enter</b> <b>delete</b> Enter a unique date for the next 24 hours via the telephone.	*46 #46	
<b>Door opener via DTMF enable</b> <span>S-S</span> <b>lock</b> Enable the door opener feature to be activated by means of a code.	*89+ph. no.+code #89+ph. no.+ code	
<b>Door opener via adapter</b> (Short cut) <span>S-S</span> <b>box</b> Activate the door opener feature from the telephone.	*61+ph. no.	
<b>Call pickup, directed</b> <span>S-S</span> Answer calls for an other phone on your own phone.	*59+ph. no.	
<b>Call pickup, group</b> <span>S-S</span> Answer calls for telephones within a call pickup group on your own phone.	*57	
<b>Retrieve an external call from common hold</b> <span>S-S</span> Transfer a call on hold to the assigned line.	*63+line code	

<sup>1)</sup> If activated (consult your system administrator if necessary).

<sup>2)</sup> You can enter the codes that are valid for your system in this column.

30

## Telephone directory

Your mobile unit has a telephone directory for storing up to 100 numbers, see also Note on page 41.

The stored numbers can be simply dialled, modified or deleted at any time. Access to the telephone directory is locked if the mobile unit is locked.

### Note:

Numbers from the number redial memory can also be transferred to the telephone directory, see page 22.

## Entering letters/characters and digits

Three or four letters/characters are assigned to each digit key. **Blanks, full stops and hyphens** are assigned to the "0" key. The **muted vowels Ä, Ö and Ü** can be entered with the "1" key.


For information on other special characters see "Overview – key layout" on page 32.

When saving an entry, specify the **name in the 1st line** and the **telephone number in the 2nd and 3rd lines**.

### ● Enter the names (1st line, up to 16 characters)

#### Enter letters

Press the key the appropriate number of times in **quick succession** depending on the **position** of the letter on the key – **1st, 2nd, 3rd or 4th position** – or hold the key down, see also "Overview – key layout" on page 32.

Press the  key to switch from **lower case to upper case** for a particular character.

#### Enter digits

You can also enter digits when entering the name.













Press the appropriate digit keys **4 or 5 times in quick succession** depending on the number of letters on the digit key.

#### Enter special characters

In accordance with the key layout overview, press the key the appropriate number of times (up to 8 times) to enter the special character.

## Telephone directory

### Overview – key layout


Key	1st keystroke	2nd keystroke	3rd keystroke	4th keystroke	5th keystroke	6th keystroke	7th keystroke	8th keystroke
	ä	ö	ü	ß	1	,		
	a	b	c	2	ä	à	â	ç
	d	e	f	3	ë	é	ê	ë
	g	h	i	4	ï	í		
	j	k	l	5				
	m	n	o	6	ö	ñ	ó	ô
	p	q	r	7	ß			
	t	u	v	8	ü	ù	û	ü
	w	x	y	9				
	↵*)	.	–	0	+	:	?	!
	a → A	* → *	/ → /	( → (	) → )	= → =	& → &	@ → @
	#							

\*) Blank is inserted



### Note:

Telephone directory entries are automatically sorted in alphabetical order. "Names" that begin with "\*" or "#" precede entries starting with "A".


### ● Enter the telephone number (2nd and 3rd line)

When you have entered the name, press the display key  and enter the telephone number (up to 32 digits) using the digit keys.

### ● Correcting/deleting entries (1st, 2nd and 3rd line)

The cursor is **moved** from character to character in wrap-around mode using the display keys  and .

A character is always **inserted** to the left of the cursor.












The character to the left of the cursor is **deleted** when you press the display key .

## Telephone directory

### Overview – directory submenu

Submenu	Explanation/note
Dial Number	see page 35
New Entry	see page 33
– Save Entry	see page 36
– Insert Function	see page 34
– Show Function	see page 34
– Check Duplicate	see page 34
– Cancel	to cancel a function.
Edit Entry	see page 36
Delete Entry	see page 36
Display Entry	see page 36
Send entry	not relevant for cordless EM.
Delete directory	see page 37
Copy directory	not relevant for cordless EM.
Available Memory	see page 37

### Storing numbers

	Press the display key – <i>the directory is displayed.</i>
	Press the display key.
	Press the display keys to scroll to
	<b>New Entry</b> and confirm.
	
<b>Name</b>	Enter the name (1st line only, max. 16 characters). Enter letters/digits and correct if necessary, see page 31 and 32.
	Switch to number entry.
<b>Telephone number</b>	Enter the associated telephone number (2nd and 3rd lines, max. 32 digits) – Enter the "external code", e.g. "0" before external numbers. – If applicable, insert function, check duplicate, see page 34.
	Press the display key.
	Confirm <b>Save Entry</b>
	
 or 	Return to the higher-level display.

## Telephone directory

### Inserting a function:

You can enter a pause, e.g. following an international prefix, when you are entering the telephone numbers.

**[E+]** Press the display key.  
**[V]** Scroll until **Insert Function** is selected and confirm the selection.  
**OK**  
**Pause** Press **Pause** – a "P" is inserted into the phone number.  
**OK**

### Displaying a function:

You can display the meaning of the selected character when you are entering or editing telephone numbers.

**[E+]** Press the display key.  
**[V]** Scroll until **Show Function** is selected and confirm the selection – the explanatory text **Digit "P": Pause** is displayed.  
**Show Function**  
**OK**

### Checking an entry:

To avoid duplicate entries of a telephone number in the directory, you can execute the Check Duplicate function before an entry is saved.

**Prerequisite:** The new entry is listed in the directory.

**[E+]** Press the display key.  
**[V]** Scroll until **Check Duplicate** is selected and confirm the selection – the check is initiated.  
**Check Duplicate**  
**OK**

e.g.  
**No identical entry found**

**GO BACK** Press the display key – the checked entry is displayed again.  
**Edit or save the entry** as described on page 33.

## Telephone directory

### Dialling a number from the telephone directory

**Prerequisite:** Number is stored and **mobile unit is "on"** – no connection is set up (idle)

**[E+]** Press the display key – *the first names (alphabetical order) in the telephone directory are displayed, the name in the first line is selected (dimmed).*  
**[V]** Scroll to the desired name  
**or**  
e.g. **[E+]** enter the initial letters, see page 31.  
**[E+]** Press the talk key – *the relevant number is displayed and dialled.*

#### Note:

You can also call up the "Directory" function and dial a number using the submenu **[E+]** "Dial Number".

## Telephone directory

### Editing/deleting/displaying an entry

The stored entries – numbers and/or names – can be edited, deleted or displayed.

**[E+]** Press the display key – *the first names are displayed.*  
**[V]** Scroll to the desired entry.

#### • Editing an entry:

**[E+]** Press the display key.  
**[V]** Scroll to **Edit Entry** and confirm.  
**Edit Entry**  
**OK**  
e.g.  
**MOORE** Name flashes.  
**[<]** **[>]** Change the **name**, for example.  
**[←]**  
**[>]** Switch to **number** and edit.  
**[E+]** Press the display key.  
**Save Entry** Confirm **Save Entry**.  
**OK**

#### • Deleting an entry:

**[E+]** Press the display key.  
**[V]** Scroll to **Delete Entry** and confirm.  
**Delete Entry**  
**OK**

#### • Displaying an entry:

**[E+]** Press the display key.  
**[V]** Scroll to **Display Entry** and confirm.  
**Display Entry**  
**OK**  
Press **GO BACK** to jump to the higher-level menu.

D

You  
dire  
and  
unit



De1

OK

PIN

OK



VE



A

The  
a p



Avz

OK

e.g.

8



## Main menu – functions

### Short cuts

Short cuts make it easier to perform "longer" operating sequences, e.g. automatic callback or other code functions. Store a function (operating sequence) under a name of your choice. The name of the function is included in the list of short cuts. You can execute the function quickly by confirming the name – see "Starting a short cut" on page 41.

#### Short cut submenu

The following functions are available:







**Start**  
**New Entry**  
**Edit Entry**  
**Delete Entry**  
**Display Entry**  
**Copy Entry** (cannot be used with cordless E)  
**Delete Memory**  
**Copy Memory** (cannot be used with cordless E)  
**DefaultShortCuts** (cannot be used with cordless E)  
**Available Memory**

#### Saving a short cut – new entry







When saving a short cut, an area is available for "name" and "short cut contents". First assign a name to this short cut.

For information on entering letters/characters and digits, see page 31.

**Example:** automatic callback

 Press the menu key.  
 Scroll to **Short Cut** and confirm.  
  
 Press the display key.  
 Scroll to **New Entry** and confirm.  
  
**Name** Enter names (max. 16 characters), e.g. "Autom. Callback".








## Main menu – functions

 Switch to entering the short cut contents.  
 Press the recall key.  
 Enter the code "\*58".  
 Press the display key.  
 Confirm **Save Entry**.  



#### Starting a short cut

The start procedure is specific to the mobile unit status:

##### Starting from the "on" status

 Press the menu key.  
 Scroll until **Short Cut** is selected and confirm – *the first names (in alphabetical order) in the short cut list are displayed.*  
  
 Scroll to the desired name.  
 Press the display key.  
 Confirm **Start** – *the active status is indicated in the display until the short cut has been completed.*  


##### Starting during connection setup or during a call

Call up the short cut list with the  display key. Continue as described for the **"on" status** of the mobile unit.

#### Note:










- The **other short cut functions** "Delete Entry", "Edit Entry", "Display Entry", "Delete Memory" (deletes all short cuts) and "Available Memory" are all executed in the same way as described for the telephone directory, see page 36.
- A **shared memory** with up to 100 entries is available for **telephone directory entries, short cut entries and select services**, see also "Deleting default select services" on page 51.
- **Insert Function cannot be used** for saving short cuts and select services.

## Main menu – functions

### Selecting the base

If your mobile unit is logged onto more than one base (DECT systems\*), you can set it to a particular **base** or **"best base"** (automatic base changeover).

#### Setting the base

 Press the menu key.  
 Scroll to **Select Base** and confirm.  
  
 If necessary, scroll to the required base.  
e.g. **Base 3**  
 Press the display key.  
 Scroll to **Priority Select.** or **Fixed Selection** and confirm.  
  
 or  Return to the higher-level display.

#### Note:

- If you set **Best Base**, the mobile unit is always automatically linked to the base with the best reception.
- If you are located between two systems and the mobile unit switches continuously, you should set it to a particular system.

#### Activating priority selection


If you have set the mobile unit permanently to a base, you can also activate **Priority Select.**

When **Priority Select.** is activated (indicated by \*, e.g. **\*Base 1**) the mobile unit searches for the default base for 30 seconds after switching it on or leaving the radio range. If this base is not found, the mobile unit automatically searches for another base.


\* See also Note on page 17

## Main menu – functions

### Prerequisite:


You have selected a specific base as described above and have called up the submenu . The display shows:






To activate, press the display key .

## Settings

### Overview – settings

Setting	Explanation/notes	Level	Default
Handset Volume	Call volume; Level 1 is not shown in the display!	3	1
Ringer Options – volume	Volume and tone (call signal, bell) Low to high or ringer off 	6 0	6
– tone	Set tone frequency	10	2
Register	see page 16	–	–
Base Settings	see page 46	–	–
Handset Settings	see page 48	–	–

### Note:

- Before it is saved, each setting can be cancelled using  or  and you can return to the higher-level display.
- **On-hook key**  for terminating/cancelling functions and returning to the "on" status immediately.

## Settings

### Settings – handset, ringer, etc.



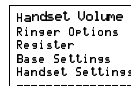
Press the menu key.



Settings

Scroll to **Settings** and confirm.

OK



For an explanation of the individual settings, see the section entitled "Overview – settings", page 44.

### Example: Setting the ringer volume



Press the menu key.



Settings

Scroll to **Settings** and confirm.

OK



Ringer Options

Scroll to **Ringer Options** and confirm.

OK

Handset Volume

Confirm the ringer volume – the ringer volume audible is specific to the current setting (default: level 6), see the display.

OK



Symbol for ringer

Dark bars indicate the current setting – level 3 in this case

Confirm current setting (save)

Change the setting



Press the display keys to set the required volume and confirm.

See page 59 for information on **acoustic signals**.





## Settings

### Overview – beeps

Beep type	Explanation, note	Default
Key Beeps	Audible each time a key is pressed.	On
Batt. Low Beep	Audible approx. 5 minutes before the battery runs out.	On
Range Warning	Audible when you leave the radio range.	Off
Confirm Beep	Audible if a local function/setting was successfully performed.	On
Error Beep	Audible if a function/setting was not successfully performed. Also in the case of erroneous/unauthorised entries.	On
In range Beep	The in range beep is audible if the mobile unit is reconnected to a base station (resynchronised with base).	Off

See page 59 for information on **acoustic signals**.

## Settings

### Beeps – keys, battery, range...

Press the menu key.

Scroll to **Settings** and confirm.

Scroll to **Handset Settings** and confirm.

Confirm **Beeps**.

For an explanation of the individual beeps, see "Overview – Beeps", page 49.

Key Beeps  
Batt. Low Beep  
Range Warnings  
Confirm Beep  
Error Beep  
In Range Beep  
-----

**Example:** activating/deactivating the range warning

Scroll to **Range Warnings** and confirm.

Range Warnings

Type of beep

Range warning symbol

Confirm current setting

**ON** or **OFF** is displayed depending on the current setting

Press the relevant display key.

Confirm the setting (save).

## Settings

### Select services

The stored **default select services** (operating sequences for Telecom services) **cannot** be used with cordless EM.

#### Saving functions under **S-S**

Frequently used functions (operating sequences) that are **started** when the mobile is in the "**on**" status can be stored "under" the **S-S** display key. This will simplify operations. Example: Call forwarding to a specific user, in accordance with "Overview - code functions" on page 27.

Press the display key.

Press the display key.

The remaining operating steps are performed in a similar way to those described under "Saving a short cut – new entry", see page 40.

#### Starting saved functions

Press the display key.

Scroll to the desired function.

Press the display key

Confirm **Start**.

#### Deleting default select services

The default select services are already loaded when the unit is delivered\*.

In order to make more space (approx. 10%) for the telephone directory/short cuts, you can delete the default select services.

Press the display key.

Press the display key.

Scroll to **Delete Memory** and confirm.

\* Not loaded with international mobile unit variants.



## Settings

**PIN**  
**OK**



**Delete all entries?**

**YES**

Press the display key –  
**All entries deleted is displayed for approx. 2 seconds.**


 or  Return to the higher-level display.


### Note:

You can also save the default select services again as required using ,  and Load Select Serv.


## Deactivating the **S-S** display

If you have not saved any other operating sequences under **S-S**, it is advisable to **deactivate the select services** – the display key **S-S** is then **no longer displayed**:


 Press the menu key.

 Scroll to **Settings** and confirm.

**Settings**  
**OK**

 Scroll to **Handset Settings** and confirm.

**Handset Settings**  
**OK**

 Scroll to **Select Services** and confirm.

**Select Services**  
**OK**

**OFF** Press the display key.

**OK** Confirm the setting.

### Note:

You can use this function to **switch on** Select Services again at any time.

## Settings

### Changing the mobile unit PIN


You can use this function to change your personal mobile unit PIN. The **default** PIN is **"0000"**.


The mobile unit PIN is required for the following functions:

- changing the mobile unit PIN
- deleting the telephone directory
- resetting the mobile unit to the default state


### Important:

- If you forget your **mobile unit PIN**, a **service engineer** will have to access the device. Forgetting a PIN is just as serious as losing a key. In this case, please consult your system administrator!
- **Incorrect PIN** is displayed if an **incorrect mobile unit PIN** is entered.
- **The functions can be cancelled/terminated with the menu key** before settings are saved/deleted.


 Press the menu key.

 Scroll to **Settings** and confirm.


**Settings**  
**OK**

 Scroll to **Handset Settings** and confirm.

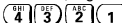
**Handset Settings**  
**OK**

 Scroll to **Change PIN** and confirm.

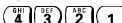
**Change PIN**  
**OK**

**PIN**, e.g.  
 Enter the **"old"** PIN and confirm. The **default** PIN is **"0000"**!

**OK**

**New PIN**, e.g.  
 Enter the **"new"** PIN (max. 8 digits) and confirm.

**OK**


**New PIN**  
 Enter the **"new"** PIN again **carefully** and confirm – **New PIN stored!** is displayed for approx. 2 seconds.


**OK**

## Settings


### Setting the language

**Prerequisite:** The mobile unit is on (German default state\*)!


 Press the menu key.

 Scroll to **Settings** and confirm.


**Settings**  
**OK**

 Scroll to **Handset Settings** and confirm.

**Handset Settings**  
**OK**

 Scroll to **Language** and confirm.

**Language**  
**OK**

 Scroll to desired language and confirm.

e.g.  
**English**  
**OK**

The following overview will help you to set the desired language as described above when the unit is delivered or if the language is changed inadvertently:

### Displays for language settings

Deutsch	Einstellungen	Lokale Einst.	Sprache
English	Settings	Handset Settings	Language
Français	Réglages	Réglages combiné	Langue
Italiano	Impostazioni	Impostaz. Telef.	Lingua
Español	Ajustes	Ajuste local	Idioma
Português	Programações	Program. local	Lingua
Nederlands	Instellingen	Lokale instell.	Taal

### Note:

The language you set only applies to the mobile unit display texts stored in the mobile unit.

\* For international mobile unit variants: English – see table for display texts.









## Settings

### Resetting the mobile unit to the default state

You can use this function to reset your mobile unit to the defined default state, e.g. if you are handing over your mobile unit to another user.

#### Note:

- Resetting the mobile unit to the default state **deletes the redial numbers**.
- The **mobile unit PIN and system registration** (logon) are, however, **not deleted**.
- See the next page for **settings in the default state**.

	Press the menu key.
	Scroll to <b>Settings</b> and confirm.
	
	Scroll to <b>Handset Settings</b> and confirm.
	
	Scroll to <b>Initialization</b> and confirm.
	
<b>PIN</b>	Enter the <b>mobile unit PIN</b>
	and confirm.

## Settings

### Settings after the mobile unit has been reset:

Telephone directory:	Retained
Short cuts:	Retained
Redial:	Deleted
Mobile unit PIN:	As per last save
System registration:	Retained
Language:	German*
Automatic call acceptance:	On
Automatic backlight:	On
Select Services menu:	Active*
Ringer tone:	1
Ringer volume:	6
Handset volume:	1
Different beeps:	See overview page 49

\* For international mobile unit variant: English language; S-S menu inactive .

## Appendix

### Troubleshooting

Before contacting the Service department, you should attempt to correct any errors yourself:

Error	Possible cause	Remedy
No display.	Mobile unit not switched on. Battery empty.	Press the On/Off key. Recharge the battery or replace it with a spare battery.
<b>Connect.. Release</b> is displayed as soon as you press the talk key. No dial tone; no calls can be made.	cordless EM is fully utilised by other users.	Try again later.
No radio connection possible to base station, <b>Base 1</b> flashes.	The mobile unit is outside the radio range of the base stations; radio signal too weak. The mobile unit is not registered.	Move into radio range, change location. Register mobile unit.
	Excessive delay between synchronisation attempts.	Switch off mobile unit and switch it back on again.
<b>Base 1</b> is displayed, for example, but no incoming or outgoing calls are possible. Activation/deactivation not possible.	The mobile unit is blocked.	Open the battery compartment lid and close it again.

## Appendix

### Approval

The **mobile units** have been approved by the German Federal Office of Telecommunication Approval (BZT). They comply with the conditions of approval passed by the Federal Ministry for Post and Telecommunications (BMPT) for connection to the **Hicom cordless EM telephone system**. They can also be registered and operated on the **10xx and 20xx Gigaset base stations**.

### Technical data

Standards	DECT in accordance with ETSI, CTR 6, CTR 10, GAP
Number of channels	120 duplex channels
Frequencies	1.88 GHz to 1.90 GHz; 1.91 GHz to 1.93 GHz (alternative)
Duplex operation	Time duplex with 10 ms frame length each
Channel configuration	1728 kHz
Bit rate	1152 kbit/s
Modulation	GFSK
Voice encoding	32 kBit/s (ADPCM)
Transmit power	10 mW average power; 250 mW peak power
Range	outdoors approx. 300 m indoors approx. 50 m

### Convenience mobile unit

Battery life	see "Charging and using the batteries" on page 15
Permitted environmental conditions for operation	+5 ° C to +45 ° C 20% to 75% relative humidity
Weight incl. battery	approx. 125 g
Dimensions (L x W x H)	approx. 137 x 43 x 20 mm

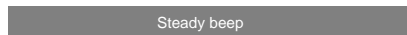
## Appendix

### Acoustic signals

#### Internal dial tone



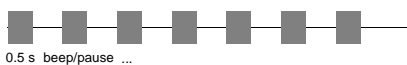
#### External dial tone



#### Ring tone



#### Busy tone



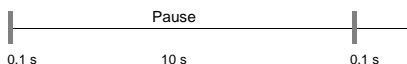
#### Confirm beep



#### Error beep/range warning



#### Call waiting tone



## Appendix

### Accessories

- **Gigaset 2000L pocket charging shell**  
For charging the mobile unit battery.

Further information available on request.  
Please contact your nearest Siemens Sales office.

Index	
<b>A</b>	
Accessories.....	60
Acoustic signals.....	59
Activating, short cut.....	41
Activating/deactivating the mobile unit.....	18
Actuating a switch.....	30
Answer group.....	29
Answering a call.....	20
Approval.....	58
Assigning a phone number.....	29
Associated dialling.....	28
Associated service.....	27
Attachment clip.....	9
Auto backlight.....	48
Auto talk.....	48
Automatic base changeover.....	42
callback.....	24
<b>B</b>	
Baby alarm.....	28
Backlight, automatic.....	48
Base change.....	42
Base display.....	17
Base selection.....	42
Base settings.....	46
Batteries charging.....	15
inserting in the mobile unit.....	14
use.....	2
using.....	15
Battery low beep.....	49
Battery life.....	58
Beeps display.....	59
overview.....	49
settings.....	50
Busy tone.....	59
<b>C</b>	
Call ending.....	19
forwarding.....	24
Call acceptance, automatic.....	48
Call charge display.....	8
Call charges.....	8
Call distribution.....	27
Call forwarding.....	27
Call number suppression.....	29
Call pickup directed.....	30
group.....	30
Call trace.....	28
Call waiting.....	27
Call waiting tone.....	59
Callback.....	29
Callback, automatic.....	24
Cancelling functions.....	13
Charging shell.....	60
Charging the batteries.....	15
Checking for a duplicate.....	34
Cleaning charging shell.....	9
mobile unit.....	9
Code functions.....	24, 25, 27
Conference.....	26, 28
Confirm beep.....	49
Confirmation tone.....	59
Connection quality.....	8
Consultation during a call.....	25
Controls.....	3
Correcting entries.....	21
Correction key.....	21, 32
<b>D</b>	
Date.....	30
Deactivating S-S display.....	52
Deleting entry.....	36
select services.....	51
the telephone directory.....	37
Dial tone.....	59
Dialling en-bloc dialling.....	21
external.....	20
internal.....	19
number from the telephone directory.....	35
redialling.....	22
Dialling with en-bloc dialling fea- ture.....	21
Digits.....	32
Display illumination.....	48
keys.....	11
Displaying entry.....	36
Displaying a function.....	34
Disposal/lending.....	9

Index	
Do not disturb.....	27
Door opener.....	30
DSS number deleting.....	39
displaying.....	39
storing.....	39
DTMF dialling.....	29
Duplicate.....	34
<b>E</b>	
Editing entry.....	36
En-bloc dialling.....	21
Ending a call.....	19
Entering a name.....	33
Entry changing.....	36
deleting.....	36
displaying.....	36
Environmental conditions.....	2, 7
Error beep.....	49, 59
External code.....	20
<b>F</b>	
Fault clearance.....	57
Features Hicom cordless M.....	4
mobile unit.....	4
Fitting the attachment clip.....	9
Forwarding a call.....	24
Function selection telephone/switching functions.....	13
via menus.....	12
<b>G</b>	
General operating instructions.....	7
Group call.....	29
<b>H</b>	
Handset settings initialization.....	55
overview.....	48
select services.....	51
Handset volume.....	44
Hearing aids, people who wear.....	2
Hicom functions.....	24, 25, 27
Hunt group.....	29
<b>I</b>	
In range beep.....	49
Initialization.....	48, 55
Input function digits.....	31, 32
special characters.....	31
Inserting a function.....	34
Inserting the battery.....	14
<b>K</b>	
Key beeps.....	49
Keypad lock (protect status).....	18
Keys.....	3, 10
<b>L</b>	
Lending/disposal.....	9
Letters/digits entering.....	31
Lock code.....	30
Locking keys.....	18
Logging on mobile unit at a telephone system.....	16
<b>M</b>	
Menus.....	12
Message text, sending/deleting.....	28
Mobile unit activating/deactivating.....	18
cleaning.....	9
logging on to a telephone system.....	16
saving/changing the PIN ..	53
<b>N</b>	
Night service.....	29
Number copying from redial.....	22
dialling from the telephone di- rectory.....	35
editing/deleting/displaying.....	36
storing.....	33
<b>O</b>	
On status.....	10, 19
Operating status.....	18

Index	
Override.....	28
Overview beeps.....	49
local settings.....	48
main menu.....	38
settings.....	44
submenu telephone directory.....	33
<b>P</b>	
Parking.....	29
pause display.....	34
Persons answering.....	29
paging.....	29
PIN.....	53
Power saving function.....	9
Priority selection activating/deactivating.....	42
Privacy.....	7
Project code.....	29
Putting into service.....	15
<b>R</b>	
Radio network leaving.....	9
power saving function.....	9
Range.....	8, 58
Range warning.....	8, 49, 50
Recall to network.....	30
Redial.....	22
Releasing a line.....	28
Resetting a service.....	28
Retrieving external call.....	30
Ring tone.....	59
Ringer options.....	44, 45
Room monitoring.....	28
<b>S</b>	
Safety precautions.....	2
Saving numbers.....	31
Saving operational sequences.....	51
Select services.....	51
Service.....	38
Setting the base.....	42
Setting the language.....	54
Settings base.....	46
beeps.....	50
handset, ringer options.....	45
language.....	54
overview.....	44
Short cut menu.....	40
new entry.....	40
starting.....	41
Shuttle.....	25, 28
Signals.....	59
Special characters.....	31
Speed dialling.....	28
Starting, short cut.....	41
Switching between two users.....	25
Switching functions.....	24, 25, 27
Symbols in the battery compart- ment.....	2
System code.....	17
<b>T</b>	
Technical data.....	58
Telephone locking.....	30
unlocking.....	30
Telephone conference.....	26
Telephone data service.....	30
Telephone directory duplicate.....	34
Telephone directory submenu overview.....	33
Telephone functions.....	19
Telephone lock.....	38
Transmit power.....	58
Troubleshooting.....	57
<b>U</b>	
Unit parts.....	3
Using the batteries.....	15
<b>V</b>	
Voice calling.....	28
Volume handset.....	44
ringer options.....	45



When passing on the device <b>enter the following telephone numbers</b>
In the event of an error: <div></div>
For sales queries: <div></div>

Printed on recycled paper –  
doing more for the environment!

**CE** This device complies with the requirements of the EU guidelines  
89/336/EC "Electromagnetic Compatibility",  
73/23/EC "Electric Operating Resources for Use within  
Specific Voltage Parameters".  
and thus bears the CE mark.

Issued by Private Communication Systems Group Hofmannstraße 51, D-81359 München	© Siemens AG 1998 All rights reserved. Subject to availability. Right of modification reserved.
Siemens Aktiengesellschaft	Reference no: A31003-M1522-B750-1-7619 Printed in the Federal Republic of Germany. BA998 1.0